

Orexin receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

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Abstract

Orexin receptors (nomenclature as agreed by the [NC-IUPHAR Subcommittee on Orexin receptors \[39\]](#)) are activated by the endogenous polypeptides [orexin-A](#) and [orexin-B](#) (also known as hypocretin-1 and -2; 33 and 28 aa) derived from a common precursor, [preproorexin or orexin precursor](#), by proteolytic cleavage and some typical peptide modifications [102]. Currently the only orexin receptor ligand in clinical use is [suvorexant](#), which is used as a hypnotic. Orexin receptor crystal structures have been solved [124, 123].


Contents

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OX₂ receptor

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